



0070777-000014.txt  
SEQUENCE LISTING

<110> REGEN Biotech, Inc.  
 <120> Use of a peptide that interacts with alpha v beta3 integrin of  
 endothelial cell  
 <130> OP04-1024  
 <150> KR 10-2003-0021065  
 <151> 2003-04-03  
 <160> 57  
 <170> KopatentIn 1.71  
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 Val Leu Gln His Ser Arg Leu Arg Gly Arg Gln His Gly Pro Asn Val  
 35 40 45  
 Cys Ala Val Gln Lys Val Ile Gly Thr Asn Arg Lys Tyr Phe Thr Asn  
 50 55 60  
 Cys Lys Gln Trp Tyr Gln Arg Lys Ile Cys Gly Lys Ser Thr Val Ile  
 65 70 75 80  
 Ser Tyr Glu Cys Cys Pro Gly Tyr Glu Lys Val Pro Gly Glu Lys Gly  
 85 90 95  
 Cys Pro Ala Ala Leu Pro Leu Ser Asn Leu Tyr Glu Thr Leu Gly Val  
 100 105 110  
 Val Gly Ser Thr Thr Gln Leu Tyr Thr Asp Arg Thr Glu Lys Leu  
 115 120 125  
 Arg Pro Glu Met Glu Gly Pro Gly Ser Phe Thr Ile Phe Ala Pro Ser  
 130 135 140  
 Asn Glu Ala Trp Ala Ser Leu Pro Ala Glu Val Leu Asp Ser Leu Val  
 145 150 155 160  
 Ser Asn Val Asn Ile Glu Leu Leu Asn Ala Leu Arg Tyr His Met Val  
 165 170 175  
 Gly Arg Arg Val Leu Thr Asp Glu Leu Lys His Gly Met Thr Leu Thr  
 180 185 190  
 Ser Met Tyr Gln Asn Ser Asn Ile Gln Ile His His Tyr Pro Asn Gly  
 195 200 205  
 Ile Val Thr Val Asn Cys Ala Arg Leu Leu Lys Ala Asp His His Ala  
 210 215 220  
 Thr Asn Gly Val Val His Leu Ile Asp Lys Val Ile Ser Thr Ile Thr  
 225 230 235 240  
 Asn Asn Ile Gln Gln Ile Ile Glu Ile Glu Asp Thr Phe Glu Thr Leu

245

250

255

Arg Ala Ala Val Ala Ala Ser Gly Leu Asn Thr Met Leu Glu Gly Asn  
 260 265 270  
 Gly Gln Tyr Thr Leu Leu Ala Pro Thr Asn Glu Ala Phe Glu Lys Ile  
 275 280 285  
 Pro Ser Glu Thr Leu Asn Arg Ile Leu Gly Asp Pro Glu Ala Leu Arg  
 290 295 300  
 Asp Leu Leu Asn Asn His Ile Leu Lys Ser Ala Met Cys Ala Glu Ala  
 305 310 315 320  
 Ile Val Ala Gly Leu Ser Val Glu Thr Leu Glu Gly Thr Thr Leu Glu  
 325 330 335  
 Val Gly Cys Ser Gly Asp Met Leu Thr Ile Asn Gly Lys Ala Ile Ile  
 340 345 350  
 Ser Asn Lys Asp Ile Leu Ala Thr Asn Gly Val Ile His Tyr Ile Asp  
 355 360 365  
 Glu Leu Leu Ile Pro Asp Ser Ala Lys Thr Leu Phe Glu Leu Ala Ala  
 370 375 380  
 Glu Ser Asp Val Ser Thr Ala Ile Asp Leu Phe Arg Gln Ala Gly Leu  
 385 390 395 400  
 Gly Asn His Leu Ser Gly Ser Glu Arg Leu Thr Leu Leu Ala Pro Leu  
 405 410 415  
 Asn Ser Val Phe Lys Asp Gly Thr Pro Pro Ile Asp Ala His Thr Arg  
 420 425 430  
 Asn Leu Leu Arg Asn His Ile Ile Lys Asp Gln Leu Ala Ser Lys Tyr  
 435 440 445  
 Leu Tyr His Gly Gln Thr Leu Glu Thr Leu Gly Gly Lys Lys Leu Arg  
 450 455 460  
 Val Phe Val Tyr Arg Asn Ser Leu Cys Ile Glu Asn Ser Cys Ile Ala  
 465 470 475 480  
 Ala His Asp Lys Arg Gly Arg Tyr Gly Thr Leu Phe Thr Met Asp Arg  
 485 490 495  
 Val Leu Thr Pro Pro Met Gly Thr Val Met Asp Val Leu Lys Gly Asp  
 500 505 510  
 Asn Arg Phe Ser Met Leu Val Ala Ala Ile Gln Ser Ala Gly Leu Thr  
 515 520 525  
 Glu Thr Leu Asn Arg Glu Gly Val Tyr Thr Val Phe Ala Pro Thr Asn  
 530 535 540  
 Glu Ala Phe Arg Ala Leu Pro Pro Arg Glu Arg Ser Arg Leu Leu Gly  
 545 550 555 560  
 Asp Ala Lys Glu Leu Ala Asn Ile Leu Lys Tyr His Ile Gly Asp Glu  
 565 570 575  
 Ile Leu Val Ser Gly Gly Ile Gly Ala Leu Val Arg Leu Lys Ser Leu  
 580 585 590  
 Gln Gly Asp Lys Leu Glu Val Ser Leu Lys Asn Asn Val Val Ser Val  
 595 600 605

Asn Lys Glu Pro Val Ala Glu Pro Asp Ile Met Ala Thr Asn Gly Val  
 610 615 620  
 Val His Val Ile Thr Asn Val Leu Gln Pro Pro Ala Asn Arg Pro Gln  
 625 630 635 640  
 Glu Arg Gly Asp Glu Leu Ala Asp Ser Ala Leu Glu Ile Phe Lys Gln  
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 Val Tyr Gln Lys Leu Leu Glu Arg Met Lys His  
 675 680

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 <211> 103  
 <212> PRT  
 <213> Homo sapiens

<400> 2  
 Gly Pro Gly Ser Phe Thr Ile Phe Ala Pro Ser Asn Glu Ala Trp Ala  
 1 5 10 15  
 Ser Leu Pro Ala Glu Val Leu Asp Ser Leu Val Ser Asn Val Asn Ile  
 20 25 30  
 Glu Leu Leu Asn Ala Leu Arg Tyr His Met Val Gly Arg Arg Val Leu  
 35 40 45  
 Thr Asp Glu Leu Lys His Gly Met Thr Leu Thr Ser Met Tyr Gln Asn  
 50 55 60  
 Ser Asn Ile Gln Ile His His Tyr Pro Asn Gly Ile Val Thr Val Asn  
 65 70 75 80  
 Cys Ala Arg Leu Leu Lys Ala Asp His His Ala Thr Asn Gly Val Val  
 85 90 95  
 His Leu Ile Asp Lys Val Ile  
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<210> 3  
 <211> 131  
 <212> PRT  
 <213> Homo sapiens

<400> 3  
 Asn Ile Gln Gln Ile Ile Glu Ile Glu Asp Thr Phe Glu Thr Leu Arg  
 1 5 10 15  
 Ala Ala Val Ala Ala Ser Gly Leu Asn Thr Met Leu Glu Gly Asn Gly  
 20 25 30  
 Gln Tyr Thr Leu Leu Ala Pro Thr Asn Glu Ala Phe Glu Lys Ile Pro  
 35 40 45  
 Ser Glu Thr Leu Asn Arg Ile Leu Gly Asp Pro Glu Ala Leu Arg Asp  
 50 55 60  
 Leu Leu Asn Asn His Ile Leu Lys Ser Ala Met Cys Ala Glu Ala Ile  
 65 70 75 80  
 Val Ala Gly Leu Ser Val Glu Thr Leu Glu Gly Thr Thr Leu Glu Val  
 85 90 95

Gly Cys Ser Gly Asp Met Leu Thr Ile Asn Gly Lys Ala Ile Ile Ser  
 100 105 110  
 Asn Lys Asp Ile Leu Ala Thr Asn Gly Val Ile His Tyr Ile Asp Glu  
 115 120 125  
 Leu Leu Ile  
 130

<210> 4  
 <211> 129  
 <212> PRT  
 <213> Homo sapiens

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 Pro Asp Ser Ala Lys Thr Leu Phe Glu Leu Ala Ala Glu Ser Asp Val  
 1 5 10 15  
 Ser Thr Ala Ile Asp Leu Phe Arg Gln Ala Gly Leu Gly Asn His Leu  
 20 25 30  
 Ser Gly Ser Glu Arg Leu Thr Leu Leu Ala Pro Leu Asn Ser Val Phe  
 35 40 45  
 Lys Asp Gly Thr Pro Pro Ile Asp Ala His Thr Arg Asn Leu Leu Arg  
 50 55 60  
 Asn His Ile Ile Lys Asp Gln Leu Ala Ser Lys Tyr Leu Tyr His Gly  
 65 70 75 80  
 Gln Thr Leu Glu Thr Leu Gly Gly Lys Lys Leu Arg Val Phe Val Tyr  
 85 90 95  
 Arg Asn Ser Leu Cys Ile Glu Asn Ser Cys Ile Ala Ala His Asp Lys  
 100 105 110  
 Arg Gly Arg Tyr Gly Thr Leu Phe Thr Met Asp Arg Val Leu Thr Pro  
 115 120 125  
 Pro

<210> 5  
 <211> 131  
 <212> PRT  
 <213> Homo sapiens

<400> 5  
 Met Gly Thr Val Met Asp Val Leu Lys Gly Asp Asn Arg Phe Ser Met  
 1 5 10 15  
 Leu Val Ala Ala Ile Gln Ser Ala Gly Leu Thr Glu Thr Leu Asn Arg  
 20 25 30  
 Glu Gly Val Tyr Thr Val Phe Ala Pro Thr Asn Glu Ala Phe Arg Ala  
 35 40 45  
 Leu Pro Pro Arg Glu Arg Ser Arg Leu Leu Gly Asp Ala Lys Glu Leu  
 50 55 60  
 Ala Asn Ile Leu Lys Tyr His Ile Gly Asp Glu Ile Leu Val Ser Gly  
 65 70 75 80  
 Gly Ile Gly Ala Leu Val Arg Leu Lys Ser Leu Gln Gly Asp Lys Leu  
 85 90 95

Glu Val Ser Leu Lys Asn Asn Val Val Ser Val Asn Lys Glu Pro Val  
 100 105 110

Ala Glu Pro Asp Ile Met Ala Thr Asn Gly Val Val His Val Ile Thr  
 115 120 125

Asn Val Leu  
 130

<210> 6  
 <211> 85  
 <212> PRT  
 <213> Homo sapiens

<400> 6  
 Arg Ala Leu Pro Pro Arg Glu Arg Ser Arg Leu Leu Gly Asp Ala Lys  
 1 5 10 15

Glu Leu Ala Asn Ile Leu Lys Tyr His Ile Gly Asp Glu Ile Leu Val  
 20 25 30

Ser Gly Gly Ile Gly Ala Leu Val Arg Leu Lys Ser Leu Gln Gly Asp  
 35 40 45

Lys Leu Glu Val Ser Leu Lys Asn Asn Val Val Ser Val Asn Lys Glu  
 50 55 60

Pro Val Ala Glu Pro Asp Ile Met Ala Thr Asn Gly Val Val His Val  
 65 70 75 80

Ile Thr Asn Val Leu  
 85

<210> 7  
 <211> 119  
 <212> PRT  
 <213> Homo sapiens

<400> 7  
 Met Gly Thr Val Met Asp Val Leu Lys Gly Asp Asn Arg Phe Ser Met  
 1 5 10 15

Leu Val Ala Ala Ile Gln Ser Ala Gly Leu Thr Glu Thr Leu Asn Arg  
 20 25 30

Glu Gly Val Tyr Thr Val Phe Ala Pro Thr Asn Glu Ala Phe Arg Ala  
 35 40 45

Leu Pro Pro Arg Glu Arg Ser Arg Leu Leu Gly Asp Ala Lys Glu Leu  
 50 55 60

Ala Asn Ile Leu Lys Tyr His Ile Gly Asp Glu Ile Leu Val Ser Gly  
 65 70 75 80

Gly Ile Gly Ala Leu Val Arg Leu Lys Ser Leu Gln Gly Asp Lys Leu  
 85 90 95

Glu Val Ser Leu Lys Asn Asn Val Val Ser Val Asn Lys Glu Pro Val  
 100 105 110

Ala Glu Pro Asp Ile Met Ala  
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<210> 8  
 <211> 113

<212> PRT  
 <213> Homo sapiens

<400> 8  
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 20 25 30  
 Glu Gly Val Tyr Thr Val Phe Ala Pro Thr Asn Glu Ala Phe Arg Ala  
 35 40 45  
 Leu Pro Pro Arg Glu Arg Ser Arg Leu Leu Gly Asp Ala Lys Glu Leu  
 50 55 60  
 Ala Asn Ile Leu Lys Tyr His Ile Gly Asp Glu Ile Leu Val Ser Gly  
 65 70 75 80  
 Gly Ile Gly Ala Leu Val Arg Leu Lys Ser Leu Gln Gly Asp Lys Leu  
 85 90 95  
 Glu Val Ser Leu Lys Asn Asn Val Val Ser Val Asn Lys Glu Pro Val  
 100 105 110  
 Ala

<210> 9  
 <211> 73  
 <212> PRT  
 <213> Homo sapiens

<400> 9  
 Arg Ala Leu Pro Pro Arg Glu Arg Ser Arg Leu Leu Gly Asp Ala Lys  
 1 5 10 15  
 Glu Leu Ala Asn Ile Leu Lys Tyr His Ile Gly Asp Glu Ile Leu Val  
 20 25 30  
 Ser Gly Gly Ile Gly Ala Leu Val Arg Leu Lys Ser Leu Gln Gly Asp  
 35 40 45  
 Lys Leu Glu Val Ser Leu Lys Asn Asn Val Val Ser Val Asn Lys Glu  
 50 55 60  
 Pro Val Ala Glu Pro Asp Ile Met Ala  
 65 70

<210> 10  
 <211> 67  
 <212> PRT  
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 Arg Ala Leu Pro Pro Arg Glu Arg Ser Arg Leu Leu Gly Asp Ala Lys  
 1 5 10 15  
 Glu Leu Ala Asn Ile Leu Lys Tyr His Ile Gly Asp Glu Ile Leu Val  
 20 25 30  
 Ser Gly Gly Ile Gly Ala Leu Val Arg Leu Lys Ser Leu Gln Gly Asp  
 35 40 45  
 Lys Leu Glu Val Ser Leu Lys Asn Asn Val Val Ser Val Asn Lys Glu  
 50 55 60

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Pro Val Ala  
65

<210> 11  
<211> 18  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> D-IV-AA(18)

<400> 11  
Lys Glu Leu Ala Asn Ile Leu Lys Ala Ala Ile Gly Asp Glu Ile Leu  
1 5 10 15

Val Ser

<210> 12  
<211> 18  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> D-IV-L(18)

<400> 12  
Lys Glu Ser Ala Asn Ser Ser Lys Tyr His Ile Gly Asp Glu Ile Leu  
1 5 10 15

Val Ser

<210> 13  
<211> 18  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> D-IV-R(18)

<400> 13  
Lys Glu Leu Ala Asn Ile Leu Lys Tyr His Ser Gly Asp Glu Ser Ser  
1 5 10 15

Val Ser

<210> 14  
<211> 18  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> D-IV-LYHR(18)

<400> 14  
Lys Glu Ser Ala Asn Ser Ser Lys Tyr His Ser Gly Asp Glu Ser Ser  
1 5 10 15

val Ser

<210> 15  
<211> 18  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> D-IV-LAA(18)  
  
<400> 15  
Lys Glu Ser Ala Asn Ser Ser Lys Ala Ala Ile Gly Asp Glu Ile Leu  
1 5 10 15

val Ser

<210> 16  
<211> 18  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> D-IV-AAR(18)  
  
<400> 16  
Lys Glu Leu Ala Asn Ile Leu Lys Ala Ala Ser Gly Asp Glu Ser Ser  
1 5 10 15

val Ser

<210> 17  
<211> 29  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> D-IV-AA  
  
<400> 17  
Gly Asp Ala Lys Glu Leu Ala Asn Ile Leu Lys Ala Ala Ile Gly Asp  
1 5 10 15  
Glu Ile Leu Val Ser Gly Gly Ile Gly Ala Leu Val Arg  
20 25

<210> 18  
<211> 29  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> D-IV-L

<400> 18  
Gly Asp Ala Lys Glu Ser Ala Asn Ser Ser Lys Tyr His Ile Gly Asp  
1 5 10 15

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Glu Ile Leu Val Ser Gly Gly Ile Gly Ala Leu Val Arg  
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<210> 19  
<211> 29  
<212> PRT  
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<220>  
<223> D-IV-R

<400> 19  
Gly Asp Ala Lys Glu Leu Ala Asn Ile Leu Lys Tyr His Ser Gly Asp  
1 5 10 15  
  
Glu Ser Ser Val Ser Gly Gly Ile Gly Ala Leu Val Arg  
20 25

<210> 20  
<211> 29  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> D-IV-LYHR

<400> 20  
Gly Asp Ala Lys Glu Ser Ala Asn Ser Ser Lys Tyr His Ser Gly Asp  
1 5 10 15  
  
Glu Ser Ser Val Ser Gly Gly Ile Gly Ala Leu Val Arg  
20 25

<210> 21  
<211> 29  
<212> PRT  
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<223> D-IV-LAA

<400> 21  
Gly Asp Ala Lys Glu Ser Ala Asn Ser Ser Lys Ala Ala Ile Gly Asp  
1 5 10 15  
  
Glu Ile Leu Val Ser Gly Gly Ile Gly Ala Leu Val Arg  
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<210> 22  
<211> 29  
<212> PRT  
<213> Artificial Sequence  
  
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<223> D-IV-AAR

<400> 22  
Gly Asp Ala Lys Glu Leu Ala Asn Ile Leu Lys Ala Ala Ser Gly Asp  
1 5 10 15

Glu Ser Ser Val Ser Gly Gly Ile Gly Ala Leu Val Arg  
 20 25

<210> 23  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> D-I YH18

<400> 23  
 Ile Glu Leu Leu Asn Ala Leu Arg Tyr His Met Val Gly Arg Arg Val  
 1 5 10 15  
 Leu Thr

<210> 24  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> D-II YH18

<400> 24  
 Glu Ala Leu Arg Asp Leu Leu Asn Asn His Ile Leu Lys Ser Ala Met  
 1 5 10 15

Cys Ala

<210> 25  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> D-III YH18

<400> 25  
 Asp Gln Leu Ala Ser Lys Tyr Leu Tyr His Gly Gln Thr Leu Glu Thr  
 1 5 10 15

Leu Gly

<210> 26  
 <211> 18  
 <212> PRT  
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<220>  
 <223> D-IV YH18

<400> 26  
 Lys Glu Leu Ala Asn Ile Leu Lys Tyr His Ile Gly Asp Glu Ile Leu  
 1 5 10 15

Val Ser

<210> 27  
 <211> 18  
 <212> PRT  
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<220>  
 <223> YH18-con.

<400> 27  
 Lys Glu Leu Ala Asn Ile His Gly Ile Lys Leu Tyr Asp Glu Ile Leu  
 1 5 10 15

Val Ser

<210> 28  
 <211> 30  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BIGH3\_HUMAN

<400> 28  
 Ser Asn Val Asn Ile Glu Leu Leu Asn Ala Leu Arg Tyr His Met Val  
 1 5 10 15  
 Gly Arg Arg Val Leu Thr Asp Glu Leu Lys His Gly Met Thr  
 20 25 30

<210> 29  
 <211> 30  
 <212> PRT  
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<220>  
 <223> BIGH3-PIG

<400> 29  
 Ser Asn Val Asn Ile Glu Leu Leu Asn Ala Leu Arg Tyr His Met Val  
 1 5 10 15  
 Asp Arg Arg Val Leu Thr Asp Glu Leu Lys His Gly Met Ala  
 20 25 30

<210> 30  
 <211> 30  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> BIGH3\_CHICK

<400> 30  
 Ser Asn Val Asn Ile Glu Leu Leu Asn Ala Leu Arg Tyr His Met Val  
 1 5 10 15  
 Asn Lys Arg Val Leu Thr Asp Asp Leu Lys His Gly Thr Thr  
 20 25 30

<210> 31  
<211> 30  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> OSF2\_MOUSE

<400> 31  
Asn Asn Val Asn Val Glu Leu Leu Asn Ala Leu His Ser His Met Val  
1 5 10 15  
Asn Lys Arg Met Leu Thr Lys Asp Leu Lys His Gly Met Val  
20 25 30

<210> 32  
<211> 29  
<212> PRT  
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<220>  
<223> BIGH3\_HUMAN

<400> 32  
Gly Asp Pro Glu Ala Leu Arg Asp Leu Leu Asn Asn His Ile Leu Lys  
1 5 10 15  
Ser Ala Met Cys Ala Glu Ala Ile Val Ala Gly Leu Ser  
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<210> 33  
<211> 29  
<212> PRT  
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<220>  
<223> BIGH3-PIG

<400> 33  
Gly Asp Pro Glu Ala Leu Arg Asp Leu Leu Asn Asn His Ile Leu Lys  
1 5 10 15  
Ser Ala Met Cys Ala Glu Ala Ile Val Ala Gly Leu Ser  
20 25

<210> 34  
<211> 29  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BIGH3\_CHICK

<400> 34  
Gly Asp Pro Glu Ala Leu Arg Asp Leu Leu Asn His His Ile Leu Lys  
1 5 10 15  
Ser Ala Met Cys Ala Glu Ala Ile Ile Ala Gly Leu Thr  
20 25

<210> 35  
<211> 29  
<212> PRT  
<213> Artificial sequence  
  
<220>  
<223> OSF2\_HUMAN

<400> 35  
Gly Asp Lys Val Ala Ser Glu Ala Leu Met Lys Tyr His Ile Leu Asn  
1 5 10 15  
Thr Leu Gln Cys Ser Glu Ser Ile Met Gly Gly Ala Val  
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<210> 36  
<211> 29  
<212> PRT  
<213> Artificial sequence  
  
<220>  
<223> OSF2\_MOUSE

<400> 36  
Gly Asp Lys Val Ala Ser Glu Ala Leu Met Lys Tyr His Ile Leu Asn  
1 5 10 15  
Thr Leu Gln Cys Ser Glu Ala Ile Thr Gly Gly Ala Val  
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<210> 37  
<211> 29  
<212> PRT  
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<220>  
<223> BIGH3\_HUMAN

<400> 37  
Gly Asp Ala Lys Glu Leu Ala Asn Ile Leu Lys Tyr His Ile Gly Asp  
1 5 10 15  
Glu Ile Leu Val Ser Gly Gly Ile Gly Ala Leu Val Arg  
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<210> 38  
<211> 29  
<212> PRT  
<213> Artificial sequence  
  
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<223> BIGH3-PIG

<400> 38  
Gly Asn Ala Lys Glu Leu Ala Asn Ile Leu Lys Tyr His Val Gly Asp  
1 5 10 15  
Glu Ile Leu Val Ser Gly Gly Ile Gly Ala Leu Val Arg  
20 25

<210> 39  
<211> 29  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BIGH3\_CHICK

<400> 39  
Gly Asn Ala Lys Glu Leu Ala Ser Ile Leu Lys Phe His Met Ala Asp  
1 5 10 15  
Glu Ile Leu Val Ser Gly Ala Val Ser Ala Leu Val Arg  
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<210> 40  
<211> 29  
<212> PRT  
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<220>  
<223> SLL1735 homolog

<400> 40  
Gln Asn Pro Pro Gln Leu Ala Arg Ile Leu Thr Tyr His Val Ala Ala  
1 5 10 15  
Gly Arg Leu Thr Lys Asp Asp Leu Ile Lys Leu Gly Glu  
20 25

<210> 41  
<211> 29  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> SLL1735

<400> 41  
Gln Asn Ile Pro Gln Leu Ala Arg Ile Leu Thr Tyr His Val Val Ala  
1 5 10 15  
Gly Lys Phe Thr Gln Ala Asp Leu Cys Arg Leu Ser Thr  
20 25

<210> 42  
<211> 29  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> SLL1483

<400> 42  
Pro Glu Asn Lys Asp Lys Leu Val Lys Ile Leu Thr Tyr His Val Val  
1 5 10 15  
Pro Gly Lys Ile Thr Ala Ala Gln Val Gln Ser Gly Glu  
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<210> 43  
<211> 29  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> OSF2\_HUMAN

<400> 43  
Arg Asp Lys Asn Ala Leu Gln Asn Ile Ile Leu Tyr His Leu Thr Pro  
1 5 10 15  
Gly Val Phe Ile Gly Lys Gly Phe Glu Pro Gly Val Thr  
20 25

<210> 44  
<211> 29  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> OSF2\_MOUSE

<400> 44  
Gly Asp Lys Asn Ala Leu Gln Asn Ile Ile Leu Tyr His Leu Thr Pro  
1 5 10 15  
Gly Val Tyr Ile Gly Lys Gly Phe Glu Pro Gly Val Thr  
20 25

<210> 45  
<211> 27  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> MP83 MYCTU

<400> 45  
Thr Asp Ala Lys Leu Leu Ser Ser Ile Leu Thr Tyr His Val Ile Ala  
1 5 10 15  
Gly Gln Ala Ser Pro Ser Arg Ile Asp Gly Thr  
20 25

<210> 46  
<211> 27  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> MPT83

<400> 46  
Thr Asp Ala Lys Leu Leu Ser Ser Ile Leu Thr Tyr His Val Ile Ala  
1 5 10 15  
Gly Gln Ala Ser Pro Ser Arg Ile Asp Gly Thr  
20 25

<210> 47  
<211> 27  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Q48948\_MYCBO

<400> 47  
Thr Asn Ser Ser Leu Leu Thr Ser Ile Leu Thr Tyr His Val Val Ala  
1 5 10 15  
Gly Gln Thr Ser Pro Ala Asn Val Val Gly Thr  
20 25

<210> 48  
<211> 27  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Q50769\_MYCTU

<400> 48  
Thr Asn Ser Ser Leu Leu Thr Ser Ile Leu Thr Tyr His Val Val Ala  
1 5 10 15  
Gly Gln Thr Ser Pro Ala Asn Val Val Gly Thr  
20 25

<210> 49  
<211> 29  
<212> PRT  
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<220>  
<223> Putative Secreted protein

<400> 49  
Asn Asp Arg Ala Gln Leu Lys Lys Val Leu Thr Tyr His Val Val Glu  
1 5 10 15  
His Lys Lys Ile Thr Lys Ala Gln Leu Pro His Gly Thr  
20 25

<210> 50  
<211> 29  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Fasciclin

<400> 50  
Glu Gly Arg Gly Cys Ala Ser Asn Ile Leu Lys Asn His Leu Leu Asp  
1 5 10 15  
Leu Thr Phe Cys Ser Leu Ala Thr Val Pro Gly Ala Lys  
20 25

<210> 51  
<211> 30  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> HLC-32

<400> 51  
Lys Asp Pro Ala Gly Lys Leu Arg Asn Leu Leu Lys Tyr His Val Ile  
1 5 10 15  
Ser Asp Val Lys Tyr Ser Val Ser Leu Ser Ser Gly Gln Arg  
20 25 30

<210> 52  
<211> 29  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Fasciclin

<400> 52  
Ser Lys Pro Ala Asp Pro Met Ala Leu Val Lys Thr His Ile Val Glu  
1 5 10 15  
Asp Val Val Cys Cys Ala Gly Ile Ile Pro Thr Asn Trp  
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<210> 53  
<211> 33  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BIGH3\_HUMAN

<400> 53  
Arg Asn Leu Leu Arg Asn His Ile Ile Lys Asp Gln Leu Ala Ser Lys  
1 5 10 15  
Tyr Leu Tyr His Gly Gln Thr Leu Asp Thr Leu Gly Gly Lys Lys Leu  
20 25 30

Arg

<210> 54  
<211> 33  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> BIGH3\_PIG

<400> 54  
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Arg

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Asp Leu Tyr Asn Gly Gln Ile Leu Glu Thr Ile Gly Gly Lys Gln Leu  
20 25 30

Arg